DIRECTORY OF PIE PROJECTS (ROUNDS 1 THROUGH 11—1987-1999)

The Puget Sound Water Quality Action Team, formerly the Puget Sound Water Quality Authority, has awarded more than 270 contracts for public involvement and education to groups, individuals, businesses and agencies throughout the Puget Sound area since 1987. Twenty-seven contracts totaling \$516,363 were awarded in 1997-1999. The PIE Fund is financed through the Washington State Water Quality Account. The following list of projects is organized by the county where the contractor was located, though many of the projects were inter-jurisdictional and/or Soundwide in nature. The symbol "\overline{\times}" is used when groups have received more than one contract.

Project	Amount	Contact
CLALLAM COUNTY		
Clallam County Chapter of the Washington On-Site Sewage Association Utility-bill insert education throughout Clallam County about proper use and maintenance of on-site septic systems and the effects of pollution from failing or improperly operating systems. (1994-1995)	\$11,155	Mike Deeney 360-452-8491
Clallam County Dept. of Community Development		
Develop a Dungeness Bay Watchers program and produce educational booklet about protecting water quality in the Dungeness watershed. (1997-1999)	\$24,625	Nancy Zapatocki 360-417-2543
☑ Technical assistance to businesses in the Dungeness River watershed on how to implement practices that protect water quality. (1994-1995)	\$35,000 et	Leanne Jenkins 360-452-7831
✓ Water Quality Learning Center at Greywolf Elementary		
School. (1991-1993)		360-683-2037

Jamestown S'Klallam Tribe Educate Irrigation Festival participants about Newberry	\$15,12	24 Linda
linkages among local irrigation ditches, the Dungeness River, and Puget Sound water quality issues through an adaptation of a play. (1996-1997)		360-683-1109
Education for the public and elected officials about the history and cycles of the Dungeness River and its watershed. (1994-1995)	\$25,000	Linda Newberry 360-683-1109
Multi-media educational program to explain ecological and economic relationships within the Dungeness River ecosystem. (1991-1993)	\$21,000	Ann Seiter 360-683-1001
Blue Mountain Demo Forest Middle-school students learn about forestry practices, watersheds and water quality. (1994-1995)	\$9,965	Jack Waud 360-683-3282
WSU Cooperative Extension/Clallam County Water Quality Program Bay-watchers training program. (1987-1989)	\$30,000	Jack L. Waud 360-452-7831
GRAYS HARBOR COUNTY		
Grays Harbor College NW Natural Resources Technology Consortium Develop training video with accompanying manual for the Timber, Fish and Wildlife (TFW) Salmonid Spawning Gravel Composition Survey. Host regional training workshops for Puget Sound. (1997-1999)	\$35,042	Claire Denise 253-770-3072

DIRECTORY OF PIE PROJECTS (ROUNDS 1 THROUGH 11—1987-1999)

ISLAND COUNTY

Island County with WSU		
Cooperative Extension Citizens Beach Monitoring and water quality stewardship training. (1991-1993)	\$39,400	Don Meehan 360-679-7327
Meeting Ground Stories and songs that celebrate living in a watershed. (1987-1989)	\$32,000	Sara Rivers 360-221-8926
JEFFERSON COUNTY		
Centrum An intensive workshop each fall for gifted students examining various water-quality subjects. (1994-1995) ☑ An extensive workshop for elementary gifted students studying solutions for protecting water environments. (1995-1996)	\$4,000 \$20,000	Joseph Wheeler 360-385-3102 Toni Aspin 360-385-3102
City of Port Townsend Establish Froggy Bottoms Wetlands Restoration Crew and wetlands trail with informational kiosk. (1997-1999)	\$24,646	Sam Gibboney 360-385-7212
Fathom That! Creations Protecting the marine ecosystems of Rosario Beach. (1990-1991)	\$21,700	Judy Friesem 360-385-5582
Jefferson County Planning and Building Department 4-H water-quality project. (1987-1989)	\$1,600	Lois Sherwood 360-385-9149
Jefferson Land Trust Potential establishment of a 3.5 mile wildlife corridor that will be monitored by high school biology students. (1995-1996)	\$20,000	Betsy Carlson 360-379-9421

North Canal Shellfish Coalition The development of educational materials, displays and tours of shellfish-growing operations in an effort to educate the community about the value of shellfish and the effects of pollution on shellfish in Quilcene and Dabob bays. (1994-1995)	\$12,750	Jim Donaldson 360-765-3474
North Olympic Environmental Resource Center Water quality-restoring the balance. (1992-1993)	\$20,000	Bob Crowley 360-385-4214
Port of Port Townsend Boaters' education Program. (1991-1993)	\$8,000	B. Nightingale 360-385-2355
Water Watchers of North Olympic Peninsula A series of workshops to build partnerships between environmentalists and real-estate professionals to find common ground for protecting water quality. (1994-1995)	\$25,000	Katherine Baril 360-379-5610
Wild Olympic Salmon Tracking the Dragon: The hydrologic cycle in E. Jefferson. (1989-1991) Salmon as an indicator of watershed health. (1987-1989)	\$35,000 \$21,750	Mall Johani Peek 360-732-4238
WSU Cooperative Extension Five workshops to real estate professionals, appraisers, and other interested parties to educate them on nonpoint sources of pollution. (1995-1996)	\$5,114	Katherine Baril 360-379-5610

DIRECTORY OF PIE PROJECTS (ROUNDS 1 THROUGH 11—1987-1999)

KING COUNTY

7th Avenue Creative & Marketing with George Brazil Company		
Plumbers of the George Brazil Company distribute household information on kits. (1992-1993)	\$26,675	Janine Terrano 206-382-0503
48 Degrees North		
An environmental guide for boaters. (1992-1993)	\$22,000	Jeffrey Briggs 206-784-5460
1000 Friends of Washington		
Educate citizens about storm water pollution through the use of an illustrated handbook, community workshops, a world wide web page, and newsletter articles. (1995-1996)	\$7,000	Tracy Burrows 206-343-0681
Adopt a Beach		
Conduct nearshore monitoring training workshops, develop database for volunteer data and web site with GIS maps to show volunteer coverage and data.(1997-1999)	\$28,625	Susan Melrose 206-632-1390
✓ Volunteers work with government agencies and shoreline landowners to identify spartina infestations in Puget Sound. (1994-1995)	\$8,854	Ken Pritchard 206-624-6013
✓ Wetlands and Shorelines stewardship program. (1992-1	993)	
☑ Volunteer monitors for the Puget Sound Ambient Monitoring Program. (1987-1991)	\$39,000	Ken Pritchard 206-624-6013
Adopt-A-Stream Foundation		
Teachers and students from four Seattle elementary schools will adopt a stream to restore and protect. (1994-1995)	\$11,803	Tom Murdoch 206-388-3487
⊠ Stream enhancement newsletter. (1987-1989)	\$11,200	Tom Murdoch 206-388-3487

Puget Sound Water Quality Action Team DIRECTORY OF PIE PROJECTS (ROUNDS 1 THROUGH 11—1987-1999) Public Involvement and Education (PIE) Fund

Alayne Renee Blickle Best management practices education for horseowners through series of workshops, farm tours and development of demonstration farms. (1997-1999)	\$30,300	Alayne Renee Blickle 425-432-6116
American Indian Heritage School & Program, Seattle Public Schools		
"Duwamish Revisited," historical, cultural and ecological view of an urban river. (1992-1993)	\$25,090	Bob Eaglestaff 206-298-7895
American Institute of Graphic Artists Educational program for the printing and photographic industry regarding water quality issues and professional practices. (1991-1993)	\$20,000	Sharon Mentyka 206-789-8631
Associated General Contractors Water quality improvements through waste disposal and erosion control. (1987-1989)	\$38,700	Doug Peterson 206-284-0061
Chautauqua Northwest Senior Citizen Involvement in the Puget Sound Ambient Monitoring Program. (1989-1991)	\$25,000	Jane V.L. Hardy 206-233-1378
City of Bellevue Parks and Recreation	¢10,000	Dala ant III a artamana
Mercer Slough Wetland Awareness. (1987-1989)	\$10,000	Robert Hoesterey 206-462-6048
City of Bellevue Storm and Surface Water Utility Distribute multi-lingual information to minority-owned businesses to educate them about protecting water quality. (1994-1995)	\$16,500	Nancy Hansen 206-453-4895
⊠ Business partners for clean water. (1991-1993)	\$17,590	Nancy Hansen
☑ The Stream Team program. (1991-1993)	\$30,000	206-453-4895
City of Issaquah Protecting local water resources: a cross generational approach. (1989-1991)	\$29,600	Maggie Downey 206-391-1000

City of Shoreline Conduct two "Boeing Creek Watershed Keepers" courses, develop water quality curriculum, expand education program for residents. Develop master trail plan for Shoreview Park with GIS coverages and install kiosk with map of trail system. (1997-1999)	\$21,678	Kristen Stouffer- Overleese 206-546-0791
Communications Northwest Oil recycling education involving auto supply stores. (1989-1991)	\$25,00	0 R. Graves 206-285-7070
Federal Way Water & Sewer Citizen Advisory The problems of storm water runoff in Federal Way. (1990-1991).	\$6,500	Lisa Kutscha 206-939-4792
Friends of Pritchard Beach Park Conduct "Wetland to Sound" workshops for students and community members. Involve participants in monitoring and planting native vegetation. (1997-1999)	\$11,000	Ruth Bell 206-722-3478
Green/Duwamish Watershed Alliance The development of public/private partnership for cleaning and protecting the watershed of the Green and Duwamish rivers. The PIE Fund contract was combined with grants from other government and civic organizations to support an 18-month project. (1994-1995)	\$6,400	Tom Carlson 206-230-8247
Green River Community College Water quality monitoring project. (1987-1989)	\$41,200	Dr. Ed Fohn 206-833-9111
Greater Seattle YMCA Earth Corps Earth Corps student water-quality monitoring day. (1992-1993)	\$10,000	Richard Conlin 206-382-5013

Hollywood Hill Elementary Educate local residents about nonpoint source pollution through a classroom salmon aquarium/ hatchery, family education, water quality-related science, art, math and writing activities, and presentations to community groups. (1996-1997)	\$7,160	Margaret Weidner 206-488-8477
King County Metro's Technical Publications Section Enhancements to a "Water Quality Survivalist" computer game in which students follow the life of a young salmon and control its survival by making choices that influence water quality. (1994-1995)	\$5,000	Donna Seligman 206-684-1994
King County Surface Water Management Develop multi-lingual educational materials for businesses in two culturally diverse area of King County. At-risk youth will be trained and then will educate local business owners in BMP's to reduce nonpoint pollution. (1995-1996)	\$16,333	Ruth Bell 206-296-1963
Lake Mercel Community Club Stillwater Creek Watershed Project. (1987-1989)	\$16,000	Janet Sprague Doug Lapchis 206-288-2525
Larry's Markets Develop a technical manual and workshop to help Puget Sound grocers implement management practices that protect water quality. (1994-1995)	\$8,000	Brant Rogers 206-243-2951
Metrocenter YMCA ☐ Household Hazardous Waste Collection Project. ☐ Hazard Free Community (1987-1989)	44,000 \$30,000	Richard Conlin 206-382-5013

Mid-Sound Fisheries Enhancement Group Involve students and teachers in habitat restoration projects in Newaukum Creek. Education and water quality monitoring training provided by Seattle Aquarium staff. (1997-1999)	\$15,840	Craig Carson 206-386-4308
Municipality of Metropolitan Seattle with Independent Business Association Waste information and land management education. (1987-1989)	\$28,000	Laurel Collins 206-684-8621
North Pacific Film and Tape Video: "Puget Sound: Our Heritage at Risk" (1990-1991)	\$35,000	Tom Putnam 206-623-3151
Northwest Marine Trade Association Peer education for boatyard owners. (1991-1993)	\$33,961	Hal Schlomann 206-634-0911
Northwest Yacht Brokers Association Education on use of portable pumpout facility. (1990-1991)	\$15,700	Jeffrey Briggs 206-784-5460 206-292-0513
One Bounce Productions Produce a video-based public information campaign about water quality, as prioritized in PSWQA's Action Agenda. (1994-1995)	\$24,000	Bruce Carlson 206-363-4903
Pacific Crest Schools 1st - 6th grade teachers, students, and local residents\$14,72 learn about the effects of nonpoint source pollution on Pipers Creek watershed. (1996-1997)	27	Caitlin Evans 206-789-7889
Pacific Iron and Metal Best management practices for operators and employees of metal-recycling facilities. (1991-1993)	\$7,554	Rick Sternoff 206-628-6232

Pacific Marine Research Sound stewardship involving business groups. (1989-1991)	\$29,000	Robert Martin 206-784-7631
Pathfinder Elementary School Involve students, parents, community and business members in a hands-on project to improve wildlife habitat and install educational signage at Mee Kwa Mooks Park. (1997-1999)	\$11,613	Bryan Street 206-933-5380
People for Puget Sound Conduct restoration projects for two street-end parks along the Duwamish River. (1996-1997) ☑ Materials and training workshops on the National Pollutant Discharge Elimination System. (1991-1993)	\$12,000 \$25,000	Tom Carlson 206-382-7007 Naki Stevens 206-382-7007
Phinney Neighborhood Association Develop classes for teaching local homeowners about environmentally friendly gardening, home construction and maintenance. (1994-1995)	\$3,500	Leslie Cossitt 206-783-2245
Planning Association of Washington A water quality module for the short course in local planning. (1990-1991)	\$22,000	Bob Burke 206-632-5432
Puget Soundkeeper Alliance Education for marina users in Gig Harbor to reduce discharges of toxic pollutants. (1994-1995) ☑ Business and environmental partnerships for Puget Soundkeeper. (1992-1993) ☑ Puget Soundkeeper Program. (1989-1991)	\$20,000 \$21,428 \$36,000	Roberta Gunn 206-286-1309 206-286-1309 Ken Moser

Puget Sound Water Quality Action Team DIRECTORY OF PIE PROJECTS (ROUNDS 1 THROUGH 11—1987-1999) Public Involvement and Education (PIE) Fund

Puget Sound Restoration Fund Involve residents in projects to renew access to spawning habitat and restore stream buffer. Train volunteers to monitor salmon migration and water quality on Manzanita Creek. (1997-1999)	\$29,326	Betsy Peabody 206-780-6947
Puget Sound Shipbuilders Association Best management practices for shipbuilders. (1989-1991)	\$30,000	Robert McMahon 206-285-3200
Pure Sound Society Water quality education aboard a replica of Vancouver's longboat. (1991-1993) ☑ S.A.I.L. Program (Sea and intertidal Learning). (1987-1989)	\$22,000 \$20,000	Brad Wetmore 206-463-5607
Quartermaster Harbor Alliance Boaters' education projects. (1990-1991)	\$9,900	Barbara Nightingale 206-463-3624
Science Links Education for students, parents and teachers on how to raise and release salmon fry, and about sources of polluted runoff and its effects on salmon in Puget Sound. (1994-1995)	\$6,500	Terry Thorsos 206-883-7304
Seattle Aquarium Provide a culturally relevant and interactive environmental education program for inner-city children of color during summer day-camps and school year forums.	\$31,157	Kathy Sider 206-386-4343
Seattle Aquarium Docents Establish a monitoring station at the aquarium's Discovery Lab Exhibit to allow visitors to collect water samples and assess water quality. (1994-1995)	\$11,000	Tom Kartrude 206-252-1300

Seattle Audubon Society's Washington Wetlands Netwo Educate rural landowners in the lower Snohomish watershed about wetland, water quality and the Public Benefit Rating System. (1996-1997)	ork \$15,000	Christi Norman 206-524-4570
☑ Analyze and evaluate strategies to protect wetlands and water quality in the Puget Sound region, and host workshop to assist in developing local plans and policies. (1994-1995)	os	Dee Arntz 206-783-9093
☑ Citizens' wetlands education project. (1991-1993)	\$18,800	Barb Douma 206-784-2610
Seattle Drainage and Waste Water Educational video that will be converted to interactive CD-ROM that will enable teachers to construct their own educational sessions. (1995-1996)	\$15,500	Rich Gustav 206-684-7591
Seattle King County Department of Public Health Develop homeowner's On-site Septic System (OSS) operation and technical maintenance manual for five types of systems and brochure describing septic tank maintenance. (1997-1999)	\$16,989	Gordon Clemans 206-296-3989
Seattle's Office of Education Partial funding for a one-day environmental education conference for Seattle School District educators. (1994-1995)	\$2,000	Brian Hallett 206-684-0570
Seattle Tilth Association Offer workshop for public/private landscape professionals focusing on Integrated Pest Management, pest prevention, and alternative pest control. (1996-1997)	\$18,560	Joanne Jewell 206-547-7561

Seattle University Seattle University and the American Indian Heritage School will involve 30 Native American middle and high school students researching, monitoring and restoring Bear Creek in Redmond. (1994-1995) ☑Stream-monitoring and field-education project for eighth grade girls. (1992-1993)	\$9,000 \$18,00	Kathleen Sullivan 206-296-5931
Small Business Center for Education Team consultations for small businesses. (1989-1991)	\$16,200	Mike Fagan 206-453-8621
Southwest Community Center Advisory Council Educate residents of the Longfellow Creek watershed how to reduce water pollution and thereby restore and protect water quality in the creek. (1994-1995)	\$30,000	Bonnie Wong 206-684-7434
Tahoma School District Junior high and high school students will devise and implement a public education project to inform and involve the public in the preservation of three local watersheds. (1995-1996)	\$26,474	Nancy Skerritt 206-432-4481
Theater-in-the Wild ☑ Education for theater professionals about ecologically beneficial practice. (1991-1993) ☑ Alice Otter Doesn't Live Here Anymore. (1989-1993)	\$16,366 \$5,700	Larry Field 206-722-7026
The Master Builders Association of King and Snohomist Design and implement a course to teach homebuilders how to protect water quality and habitat during construction. (1994-1995)	sh Counties \$18,230	Don Davis 206-451-7920

Puget Sound Water Quality Action Team DIRECTORY OF PIE PROJECTS (ROUNDS 1 THROUGH 11—1987-1999) Public Involvement and Education (PIE) Fund

The Resource Institute ☑ Boat-based environmental education for children. ☑ Training teachers of at-risk students on water quality issues. (1992-1993)	\$10,500 \$9,750	Lela Hilton 206-784-6569
Underwater Society of the Pacific Northwest		
Recreational diver education. (1990-1991)	\$8,100	L. Geselbracht 206-623-5596
University of Washington's Department of Chemistry		
Training Native American high-school students from 14 communities and their teachers how to monitor water quality and analyze the collected data. (1994-1995)	\$25,000	Nan Little 206-685-2327
Urban Wildlife Coalition		
Painting contractor education. (1990-1991)	\$6,600	C. Anderson 206-622-5260
Vashon Island Park District		
Establish stewardship groups for each of Vashon Island's 12 recently opened public beach-front parks. (1996-1997)	\$15,000	Deborah Brown 206-463-9602
Vashon Island Bird Rescue Association Oil-spill response education for residents of Vashon Island and Maury Islands. (1991-1993)	\$2,170	Margaret Boss 206-463-5805

Vashon-Maury Island Land Trust Series of workshops on stream ecology, water quality, salmon habitat and options for conserving land. Establish ongoing stream monitoring program. (1997-1999) ☑ Organize and conduct discussion groups, field trips, and slide shows to educate residents of three basins on the Island. (1995-1996)	\$18,414 \$12,800	Dave Warren 206-463-4060 Dave Warren
Activities to provide watershed education and protect habitat on Vashon-Maury Island, including publishing information about regulatory and tax incentives and other potential benefits of protecting land from degradation. (1993-1994)	\$28,300	David Warren 206-463-2644
Vashon School District WAVES: Water and Vashon's ecosystems. (1987-1989)	\$31,800	Susie Kalhorn 206-567-4860
Washington Environmental Council ☑ Puget Sound Citizens Network. (1987-1989) ☑ Wetlands Watch (with Puget Sound Alliance). (1987-1989)	\$25,000 \$36,000	Lisa Lombardi 206-547-1599
Washington Native Plant Society Train Native Plant Stewards who will in turn educate their communities about conservation and native plant use in home gardens and urban landscapes. (1995-1996)	\$18,150	Marilyn Freeman 206-296-3900
Washington Sea Grant Marine Advisory Services Bellingham marina debris project. (1987-1989)	\$30,000	Ed Melvin 206-676-6429
Washington State Horse Council Horse waste and land management education. (1987-1989)	\$28,000	Merry Farrington 206-255-5892

White Center Youth Task Force (Southwest Family & Youth Services)		
Salmon Creek Basin Project (1992-1993)	\$7,466	Virginia Moimoi 206-722-5146
Woodland Park Zoo		
Wetlands alcove. (1987-1989)	\$30,000	John Bierlein 206-684-4824
WSU-King County Cooperative Extension		
☑ Wetland Stewards. (1990-1991)	\$9,900	Robert Cross
⊠ Sound gardening/sound farming. (1987-1989)	\$24,000	206-296-3900
YMCA: Office for Asia		
Earth Corps (1989-1991)	\$20,000	Nan Little 206-382-5336
KITSAP COUNTY		
Association to Protect Anderson Creek		
Organize a stream team to protect and restore	\$10,760	Helen Haven-
residential /commercial areas along Anderson Creek (1996-1997)		Saunders 360-876-8904
Bainbridge Island Grange		
Present series of educational workshops on BMP's and proper rural land management for land owners on Bainbridge. (1995-1996)	\$9,978	Sally Metcalf 360-842-6719
on Bullotings. (1996-1996)		
Bainbridge Island School District		
Develop lesson plans about site development practices	\$5,568	Richard Best
at new school and work with teachers and students to		206-780-1591
publicize and promote the school's site development		
techniques. (1997-1999)	Φ0.000	D (D)
✓ Students conduct water quality monitoring and work	\$9,000	Brent Peterson
with businesses, community organizations and government agencies to educate Bainbridge Island residents about		360-842-2915
protecting watersheds. (1994-1995) ☑ Organize a student-based stream team. (1996-1997)	\$14,950	Lauri Usher
Organize a student-based stream team. (1990-1997)	φ1 4 ,730	206-842-2229

City of Bremerton		
A "Sedimental" Journey. (1990-1991)	\$19,000	Don Pratt 360-275-8903
City of Port Orchard		
Blackjack Creek brochure. (1989-1991)	\$5,000	Lawrence Curies 360-876-4991
Clear Creek Task Force		
Develop a comprehensive map of the Clear Creek corridor/watershed. (1996-1997)	\$17,500	Coreen Haydock Johnson 360-895-1708
Greater Hansville Chamber of Commerce		
 ☒ Bay watchers training program. (1990-1991) ☒ Training and involving citizens in inventorying wetlands in the proposed Hansville Greenway 	\$15,000 \$12,000	Sid Knutson 360-638-2869
Corridor. (1991-1993)		
Head Corel Coordinating Corneil		
Hood Canal Coordinating Council Boater education project. (1987-1989)	\$7,200	Donna Simmons 360-877-5747
Indianola Land Trust		
Education for local homeowners about maintaining their septic systems and training for volunteers to test shellfish on local beaches.	\$18,000	Jim Jarosz 360-297-7011
Joy Garitone		
Sound Farmers: Training on agricultural practices to enhance water quality. (1992-1993)	\$22,000	Joy Garitone 360-857-6096
Kingston Jr. High School, North Kitsap School District		
Local wetlands curriculum. (1992-1993)	\$4,500	Megan McCarthy 360-297-7070

Kitsap Conservation District Educate owner of small, noncommercial woodlands in the vicinity of Dyes Inlet regarding forest management and water quality. (1994-1995)	\$8,000	Stephen Morse 360-876-7171
Kitsap County Department of Community Development An environmental game: "Tracking the Thunderbird: The Hydraulic cycle in Kitsap County." (1991-1993)	t \$37,200	Meg Sands 360-876-7181
Kitsap County Public Utility District #1 Water Watchers training project. (1989-1991)	\$30,000	Dixie Dragich 360-779-7656
Kitsap County Public Works Department Develop methods to reduce water pollution from car washes operated as fund raisers, while helping youth groups conduct "water-friendly" car washes. (1994-1995)	\$15,080	Joe Zukauskas 360-876-7048
Marine Science Society of the Pacific Northwest/ Marine Science Center ☑ Improvement of water and sediment quality in Liberty Bay. The sediments and shellfish at the Poulsbo Marine Science Center project will include creating an interactive, educational exhibit. (1994-1995)	\$25,000	James Kolb 360-277-5549
Mountain View Middle School Students will do environmental assessment of their own school grounds. Students will also take field trips to Illahee State Park to examine organisms brought up by scuba divers. (1995-1996)	\$1,000	Sharon Christenson 360-697-5062

Olalla Grange #1125 Formatting a coalition of local organizations, including Olalla streamwatchers, South Kitsap High School science students and Boy Scout Troop #1528 to develop a data base about Olalla Creek and to organize workshops to educate the community about the stream. (1994-1995)	\$10,000	Charlotte Garrido 360-857-6723
Olympic View Environmental Review Council Workshops, workbooks, and an outreach program to involve nearby residents in meaningful participation in the Superfund process at Bangor and Keyport.	\$20,000	Christine Gover 360-697-2137
Pacific Western Services Earning Puget Sound badges and beads for Girl Scouts, Campfire and Boy Scouts. (1989-1991)	\$20,000	Kathleen Bright 360-692-2602
Poulsbo Chamber of Commerce Business and students for Liberty Bay. (1992-1993)	\$18,450	Kent H. Soule 360-779-4999
Puget Sound Educational Training Program		
for Elementary and Secondary Teachers (1992-1993)	\$18,069	
Puget SoundBook: a game plan for maintaining the health of Puget Sound Region. (1990-1991)	\$29,000	
☑ Puget Sound project educational activities K-12. (1987-1989)	\$24,000	
☑ Boat-based marine and environmental education	\$19,200	Morley Horder
on the Adventures (Sound Experience). (1987-1989)	<i>+</i> ,	360-697-6601
KITTITAS COUNTY		
Central Washington University		
Puget Sound Awareness Day for eastern Washington rural communities.	\$26,000	Martha D. Smith 360-963-1504

DIRECTORY OF PIE PROJECTS (ROUNDS 1 THROUGH 11—1987-1999)

MASON COUNTY

Frank Family Foundation Develop curriculum and conduct on-site septic systems maintenance and monitoring course for homeowners. (1997-1999)	\$30,000	Teri King 360-427-9670
Mary E. Theler Community District Hood Canal wetland project. (1987-1989)	\$47,000	Jerry Walker 360-275-8119
Mason Conservation District Educate and train hobby farmers about non-point pollution control in return for volunteering to help implement BMP measures on existing farms in the area that could not otherwise afford the measures. (1995-1996)	\$8,099	Deborah Norcross 360-427-9436
Mason County Department of Health Services Canal Cleaners, "House-to-house traveling water quality education workshop." (1991-1993)	\$25,000	Wayne Clifford 360-427-9670
North Mason Chamber of Commerce Clean Water Action Committee. (1987-1989)	\$15,200	Willy O'Neil 360-586-0486
Shelton School District Environmental education focusing on the local watershed. (1991-1993)	\$25,000	Don Schluter 360-754-7782
South Puget Sound Salmon Enhancement Group Establish Kennedy Creek Management Committee as long-term planning body for the Kennedy Creek trail and education program. (1997-1999)	\$8,000	Brian Abbott 253-845-9787
Squaxin Island Indian Tribe A Native American perspective on a clean Puget Sound. (1987-1989)	\$10,000	Jeff Dickison 360-426-9783

Tech Assist Plus Conduct 5 workshops to give homeowners/businesses on Vashon/Maury Islands tools to maintain and assess their On-site Sewage Systems (OSS). (1997-1999)	\$2,388	Richard Burleigh 360-426-2899
Washington State University Coop. Extension Educate local restaurant owners/management located in Hood Canal watershed about proper care of on-site sewage systems. (1996-1997)	\$15,124	Robert Simmons 360-427-9670
PIERCE COUNTY		
Automotive Service Association of Washington Pierce County Waste Collection Day. (1987-1989)	\$11,800	Dan Meyer 206-531-0512
Citizens for a Healthy Bay Conduct two Puyallup River Watershed Education training courses for teachers and adult volunteers. Adult volunteers facilitate variety of environmental action projects. (1997-1999)	\$20,000	Karen Dinicola 253-759-8098
Development of an educational outreach program to Tacoma's Asian community regarding the links between personal action, water quality and seafood contamination. (1994-1995)	\$15,122	Jeanne Sumner 206-383-2429
Collins Elementary Parent/Teacher Association Wetland restoration, preservation and education. (1990-1991)	\$21,000	Nancy Smith 206-535-6330

Greater Tacoma Community Foundation and the Commencement Bay Cleanup Action Committee		
With help from students at Rogers Elementary School in Tacoma, improve in-stream and riparian habitat in Puget Creek, release salmon and monitor water quality in the creek, and install informational sign near by.		Tom Aldrich 206-756-0203 Cheryl Miller 206-759-0680
(1994-1995)		John Terpstra 206-383-5841
Kopachuck Middle School, Peninsula School District Student education and stewardship. (1992-1993)	\$2,900	John Valentine 206-265-3392
Metropolitan Park District of Tacoma/Snake Lake		
Nature Center		
Conduct a Nature Bowl competition (1996-1997)	\$6,000	Tom Weathers
for 4th and 5th graders from Pierce County		206-591-6439
school districts.	¢27,500	I-1 C
✓ Wetland and watershed education. (1989-1991)✓ Water quality summer day camp. (1987-1989)	\$26,500 \$5,500	John Garner 206-591-6439
water quanty summer day camp. (1987-1989)	\$3,300	200-391-0439
Orca Council of Camp Fire		
Education of its members about water quality, to	\$7,000	Jeanene Hill
involve them in activities to prevent pollution,	•	206-459-3130
and create an ongoing environmental education		
program for Camp Fire member throughout Puget		
Sound. (1994-1995)		
D 'C' I AL II 'A MERCA D		
Pacific Lutheran University MESA Program Water resources of the South Sound. (1987-1989)	\$6,000	Dr. Brian Lowes
water resources of the South Sound. (1987-1989)	\$0,000	206-535-7377
Peninsula School District		200 333 1311
Use watershed education to restructure the district's \$19.	,174	Marlene Holayter
curriculum grades K-12. (1996-1997)		206-857-3509
Pierce County Department of Utilities	#10.000	
Steilacoom: A Clean Water Community. (1987-1989)	\$10,000	Grace T. Eubanks 206-586-4365

Puyallup High School Oil recycling project (1087, 1080)	\$4,000	Ken Kane
Oil recycling project. (1987-1989)	\$4,000	206-841-8711
Save Our University Place		
Water quality poster map. (1987-1989)	\$4,000	Susan Ullis 206-565-6126
Steilacoom School District (with others)		
A watershed education program involving citizens,	\$27,265	Alonda Droege
businesses, schools, Snake Lake Nature Center		206-588-1885
and the town of Steilacoom. (1991-1993)		
The Franklin Pierce School District		
Environmental science students and Future Farmers	\$18,000	Nancy Smith
of America members collect water quality data about		206-537-0211
Clover and Swan creeks and two wetlands. The		
information will be provided to local governments		
to aid watershed protection efforts and also use as		
a basis for educating grade school students in the		
district. (1994-1995)		
Washington On-Site Sewage Association		
Instructional course on proper septic installation	\$20,000	Dave Lenning
and maintenance targeted at professionals who	, ,,,,,,,	206-352-1163
design, pump, install and approve on-site sewage		
systems. (1995-1996)		
Washington State Dry-Cleaners Association		
Hazardous-waste management assistance. (1989-1991)	\$37,000	Deb Rechnitz
		206-851-6327

DIRECTORY OF PIE PROJECTS (ROUNDS 1 THROUGH 11—1987-1999)

SAN JUAN COUNTY

Coastal Geologic Services Present workshops and field trips to coastal landowners covering the fundamentals of coastal processes, and options for minimizing adverse impacts to natural systems.	\$11,310	Jim Johannessen 360-647-1845
(1996-1997)		
Friends of the San Juans		
Establish San Juan County Stewardship Network; produce San Juan County Stewardship Resource Directory. (1997-1999)	\$33,448	Kevin Ranker 360-378-3979
Northern Puget Sound National Marine Sanctuary. (1990-1991)	\$20,000	Nancy DeVaux 360-378-2319
Islands Oil Spill Association		
Islands Oil Spill Association ☑ Promotion for more volunteers by providing twenty training and public awareness projects around the	\$4,119	360-378-5322
San Juans relating to the oil spill response. (1995-1996) Oil spill response project. (1987-1989)	\$31,200	Julie Knight
San Juan Preservation Trust		
Wetland public education program. (1987-1989)	\$21,000	Robert Myhr 360-468-2258
The Orcas Island Water Quality Alliance Educate Orcas Island Residents about polluted runoff entering Puget Sound from the island and involve them in monitoring local water quality. (1994-1995)	\$9,692	Taylor Parsons 360-314-3580
The Whale Museum		
Soundwater: A traveling exhibition of marine mammals. (1987-1989)	\$13,000	Tim Ransom 360-378-4710

DIRECTORY OF PIE PROJECTS (ROUNDS 1 THROUGH 11—1987-1999)

SKAGIT COUNTY

Anacortes Parks Foundation Develop volunteer wetland monitoring program, data used to develop final trail plan. Initiate wetland education program in Anacortes School District. (1997-1999)	\$22,484	Jim Falk 360-293-1096
The Blanchard-Edison Sewerage Committee Reimbursement for expenses incurred in continuing to gather and disburse information to local residents about potential sewage-treatment solutions to reduce the flow of pollution into Samish Bay. (1994-1995)	\$430	Doris Robbins 360-766-6382
☑ Produce a manual outlining proper operation and maintenance of a newly constructed community sewage system. (1996-1997)	\$676	
Economic Development Association of Skagit County		
Assist local business to develop clean water action plans and BMP's. (1996-1997)	\$30,000	
☑Design and develop a strategic plan for preserving wetlands while accommodating economic development and diversification. (1994-1995)	\$30,000	Don Wick 360-366-6114
Edison Elementary Establish water monitoring program for 4 th – 8 th grade students on the North Fork of the Samish River and hold a series of clean up days along the river. (1997-1999)	\$5,520	Rob Matthews 360-766-6177
Educational Service District #189 Office of Environmental Education, Puget Sound training for teachers. (1989-1991)	\$40,000	Rita Cecil 360-542-7671

Friends Of The Forest Conduct a watershed education and action program in Anacortes community forest for all 7th graders in the community, teaching the students about pollution sources, how wetlands operate and how to preserve them. (1994-1995)	\$9,400	Denise Crowe 360-293-8426
North Cascades Institute Educate sixth-grade students and teachers in seven school districts about environmental restoration in	\$15,000	Saul Weisburg 360-856-5700
the Skagit River watershed. (1994-1995) Skagit River Handbook. (1989-1991) Skagit Watershed education project. (1992-1993)	\$11,000 \$24,150	Saul Weisburg 360-856-5700
Skagit Conservation District Assist farmers to restore stream sides. (1994-1995)	\$9,692	Carolyn Kelly
Skagit Valley YMCA (Earth Corps) Storm drain stenciling and public information dissemination. (1991-1993)	\$3,198	360-428-4313 Bob Morton 360-336-9622
Swinomish Indian Tribal Comm. Educate citizens about spartina grass through seminars, monitoring projects, organization, and training in conjunction with state governmental agencies. (1995-1996)	\$13,000	Lauren Rich 360-466-7299
SNOHOMISH COUNTY		
Friends of Blackman Lake Design, produce and display an enamel sign with water- quality information for people living near Blackman Lake to involve them in monitoring and improving water quality in the lake and surrounding watershed. (1994-1995)	\$ 6,000	Harold Marten 360-652-9619

Monroe School District Train teachers and community volunteers in preparation for educational field trips that includes hands-on learning to two wetland areas. Primary target is toward elementary students and parents with high school students assisting teaching. (1995-1996)	\$3,500	Gary Keeler 360-743-2539
National Association of Industrial & Office Parks		
Wetlands education project for real estate developers. (1991-1993)	\$30,000	Richard Eeinman
⊠ Grass-lined swales project. (1989-1991)	\$35,000	360-828-4463
NW Coalition for Alternatives to Pesticides and Washington State University's Center for Sustaining Agriculture and Natural Resources Develop and test a "farm improvement club" in which three or more growers cooperatively design and conduct farm equipment, with support from area experts. (1994-1996)	\$7,000 95)	Gwendolyn Bane 503-344-5044
Northwest Emergency Management Association Mid-sound spill-response education project. (1990-1991)	\$25,000	James Wright 360-355-2745
Pilchuck Audubon Society		
Citizen Action Training School. (1987-1989)	\$13,500	Ellen Gray 360-388-3494
Train 25-30 volunteers about fish and wildlife habitat in the Stillaguamish river watershed, and have them work on projects to enhance and protect habitat in the watershed. (1994-1995)	\$15,059	Roberta Cross 360-258-8644

Puget Soundkeeper Alliance Promoting best management practicess for recreational boaters through workshops and demonstration projects that cover winterizing boats, proper refueling methods, and maintenance.	\$10,000	Pat Parson 360-286-1309
Seattle Public Theater Assistance in implementing Snohomish County's protection plan for the Quilceda/Allen watershed; a series of theater performances and interactive theater workshops for schools and the public throughout the watershed. (1994-1995)	\$10,763	Beth Amsbary 360-328-4848
Snohomish County Department of Public Works Opportunities for public involvement in wetlands, retention ponds and basin-planning issues. (1987-1989)	\$14,400	Randy Cowart 360-259-9464
Snohomish Health District (with Thurston County Department of Environmental Health) Education project for owners of on-site septic systems.	\$30,000	Randal Darst 360-339-5270
City of Lake Stevens Lake Stevens watershed awareness. (1987-1989)	\$18,000	Carolyn Sanden 360-334-1012
Stillaguamish Tribe Festival of the River. (1989-1991)	\$15,000	C. Clausen 360-676-0678
Tulalip Tribal Fisheries Educate tribal members, the reservation community and area residents about the negative impacts of <i>Spartina</i> . (1996-1997)	\$23,693	Derrick Toba 360-651-4479
☑ Volunteer river-monitoring program. (1987-1989)	\$39,000	360-653-0220

Washington Public Ports Association Boater information-exchange days. (1987-1989)	\$20,000	Mike Cheyne 360-523-5433
Written Edge Host a Stillaguamish Summit to form partnerships among youth, community members and government/tribal agencies of the Stillaguamish Watershed. (1996-1997)	\$21,450	Donna Gleisner 206-252-4185
Thurston County		
Building Industry Association of Washington (with the Washington Association of Realtors) How land development affects our water resources. (1990-1991)	\$25,000	Bob DeGamo 360-352-7800
The Thurston County Conservation District's Budd/Deschutes Project Green Students will conduct watershed monitoring and collect field data in the Budd/Deschutes watershed. Program will also feature a Peer Teaching Exchange between Olympia High School and Sound Opportunities. (1995-1996)	\$10,000	Rochelle Rothaus 360-754-3588
⊠Host a South Sound Student Water Quality Congress through which students will share monitoring data that they've collected and identify actions that can be taken to address water quality problems. (1994-1995)	\$8,000	Rochelle Rothaus 360-754-3588
Capitol Land Trust Education of land trust organizations on wetlands protection. (1991-1993)	\$32,000	Peggy Bill 360-468-2491

City of Olympia Department of Public Works Educational program to involve the public in water quality issues. (1991-1993) ☑Moxie/Indian creek watershed awareness program. (1987-1989)	\$22,000 \$28,000	Liz Hoenig 360-753-8314 Liz Hoenig 360-753-8314
Deschutes River Association Property owners living along the Deschutes River participate in a River Stewards Project. (1996-1997)	\$12,350	Fred Satter 360-786-8338
Envirovision Water quality monitoring handbook for citizens. (1990-1991)	\$18,000	Joy Michaud 360-754-1644
Harlequin Productions An educational play written and performed about various water quality issues to perform at schools and on community-access television. (1994-1995)	\$20,000	Scott Whitney 360-754-7747
☑Stage productions of "The Incredible Undersea Trial of Joseph P. Lawnboy" at area schools and at the UW Arboretum.	\$14,000	Scott Whitney 360-786-0151
Jackie Miller Educate property owners in the Nisqually Pines community, as well as local real estate agents, property developers and septic system installers about Thurston County's critical-areas ordinance and ways to prevent pollution. (1994-1995)	\$7,000	Jackie Miller 360-458-5886
Jana Dean Sound Wisdom - storytelling for water quality education. (1992-1993)	\$16,500	Jana Dean 360-754-5869

Nisqually Reach Nature Center Education project for southeast Asian refugees and immigrants: water quality, health issues and resource protection. (1987-1989)	\$8,000	Lea Mitchell 360-459-0387
Northwest Indian Fisheries Commission Voice of the Elders: A one-hour television program. (1989-1991)	\$15,000	S. Robinson 360-438-1180
Olympia School District ⊠Oil recycling project. (1989-1991) ⊠Stormwater education project at Roosevelt School. (1990-1991)	\$5,000 \$12,400	Larry Freshley 360-753-8916
Pacific Oyster Growers Association Shellfish and the Sound: past, present and future. (1990-1991)	\$16,000	Tim Smith 360-459-2828
Pacific Shellfish Institute Initiate shellfish education programs in two high schools, team teachers with shellfish farmers as mentors. Identify suitable certifiable shellfish beds for each school farm. (19)	\$17,979 97-1999)	Dan Cheney 360-754-2741
Sierra Club Citizen Water Quality Network. (1989-1991)	\$20,000	Bruce Wishart 360-754-2386
Sound Opportunities Enlisting "at-risk" youth to clean-up and restore a shoreline in Budd Inlet. Educate students about the environment and channel their energies away from gang violence and juvenile offenses. (1995-1996)	\$28,867	Patrick Barmes 360-438-1900

South Sound GREEN Involve students in salmon habitat restoration projects including spawning gravel placement and riparian habitat revegetation. Students present salmon education information to community members. (1997-1999)	\$18,840	Kathy Jacobson (360) 754-4253
South Sound YMCA Train docents to lead educational tours and restoration projects at local marine sites. (1997-1999)	\$5,050	Chris Hawkins 360-705-0987
The Master Gardener Foundation of Thurston County Establish a program to salvage native plants from land scheduled to be cleared for development. (1994-1995)	\$11,000	Cathryn Paulsen 360-786-5445
Thurston County Department of Environmental Health Educate septic pumpers and repairers about proper installation, pumping and maintenance. (1991-1993)	\$11,757	Debra Baker 360-786-5455
Thurston County Office of Water Quality Thurston County Water Festival. (1987-1989)	\$20,000	Linda Hoffman 360-754-4111
Thurston County Water & Waste Department Develop a streamside property owner's manual with accompanying workshop. (1997-1999)	\$12,759	Susie Vanderburg 360-754-4681
Thurston/Mason Community Mental Health Educate high-risk youths in Olympia and Tumwater school districts about watershed issues around Budd Inlet, including exploring the inlet 23-foot dories they built as part of the department's Youth Enhancement Partnership Program. (1994-1995)	\$35,000	Pat Barmes 360-438-1904
Trout Unlimited Protecting salmon habitat: What one business can do. (1989-1991)	\$5,300	Jim Wilcox 360-753-9470

Washington State Dairy Federation Puget Sound F.S.R.M. project (Farm Animal Resource Management). (1989-1991)	\$30,000 360-75	Dan Coyne 54-4025
WHATCOM COUNTY		
City of Blaine Watershed tours of Drayton Harbor Watershed for nonpoint-pollution education. (1992-1993)	\$15,240	Pat Floyd 360-332-8311
Christine Ranta Engelhardt Educating developmentally disabled individuals and their caregivers on nonpoint pollution through field trips, workshops, and hands-on projects. A guidebook will be generated that will be sent out to 500 community groups, vocational support groups, and residential support groups that work with the develop- mentally disabled. (1995-1996)	\$15,150	Christine Engelhardt 360-676-2809
Coastal Geologic Services, Inc. Conduct "Living with the Coast" workshops in eight counties for coastal landowners and resource professionals; include field trips for hands-on learning about how to live at the coast without degrading resources. (1997-1999)	\$20,380	Jim Johannessen 360-647-1845
Environmental Perspective Series of half-hour radio programs on water quality issues. (1991-1993)	\$39,994	
☑Public Service announcements for radio on Puget Sound water quality issues. (1989-1991)	\$5,100	Valerie Fisher 360-758-7635
Environmental Resource Services Demonstrations to homeowners, business and government agencies about how to use gardening techniques that are safe to water quality and the environment. (1994-1995)	\$13,250	Carl Weimer 360-733-8307

Home Port Learning Center Juvenile offenders are taught about water quality and are instructed to do stream restoration projects that fulfill their community service. The project also utilizes the kids as teachers who will educate adults and peers. (1995-1996)	\$14,085	Denise Snyder 360-715-8860
Nooksack Salmon Enhancement Association Hire Volunteer Coordinator to present slide show on riparian habitat to various community groups and enlist their participation in restoration projects and on-going maintenance of these projects. (1997-1999)	\$21,517	Margaret Neuman 360-715-0283
Nooksack Tribe Tribal and community watershed education. (1990-1991)	\$9,700	Douglas Dobyns 360-592-5176
Point Roberts Heron Preservation Committee Environmental education activities in schools on the Boundary Bay ecosystem. (1991-1993)	\$12,000	Martin Keeley 360-945-3387
Puget Sounders Self-guided discovery tours. (1990-1991)	\$9,900	Amie Klaus 360-676-8094
ReSources Develop nearshore monitoring curriculum for middle and high school teachers in Skagit and Whatcom Counties. Develop web page for entering student data. (1997-1999)	\$24,332	Robyn du Pre' 360-733-8307
☑ Participants from 13 Bellingham neighborhoods participate in a Neighborhood Stewards program. (1996-1997)	\$21,518	Carl Weimer 360-733-8307

The Washington State University Coop. Extension Educate residents and businesses located in the Drayton Harbor watershed about the proper use and care of septic systems, and also build support among residents for establishing a low interest loan program to pay for septic repairs. (1994-1995) ☑ Educate students, their families, and community \$25,000 members about watersheds through field trips, classroom activities, beach clean-up, creek restoration projects, water monitoring, and live theater. (1996-1997)	\$20,000 00 Craig	360-7 MacCo	y Borgeson 38-6780 onnell 76-6736
Western Washington University Educate farmers about using cover crops such as barley to absorb and thereby reduce nitrates in ground water, while also providing wildlife habitat. (1994-1995)	\$18,015		Ellestad 24-4155
Whatcom Community College Water in Whatcom County. (1987-1989)	\$36,000		Vebber 76-2170
Whatcom County Juvenile Court Juvenile offenders will implement portions of water- shed plans as part of their community service obligations, including restoring streams and beaches, constructing salmon spawning pools, planting riparian zones, monitoring water quality and developing instructional aids that public schools can use to teach students about water quality issues. (1994-1995)	\$24,0	00	Stephen Paus 360-676-6780
Whatcom County Planning Department An educational tour of Whatcom County wetlands for the development of the community. (1992-1993)	\$8,000	Terri 3	Plake 76-6756
Whatcom County - WSU Cooperative Extension Service Education on animal waste management and its relationship to water quality. (1991-1993)	ce \$4,157		senmeier 76-6736